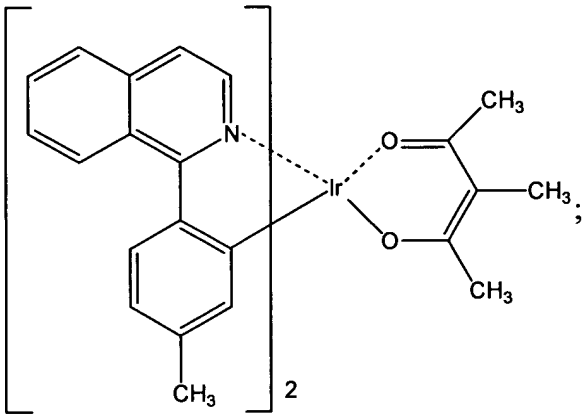
C. Amendment to the Claims

Please cancel claims 1, 3, 8-41 and 43-47 without prejudice or disclaimer.

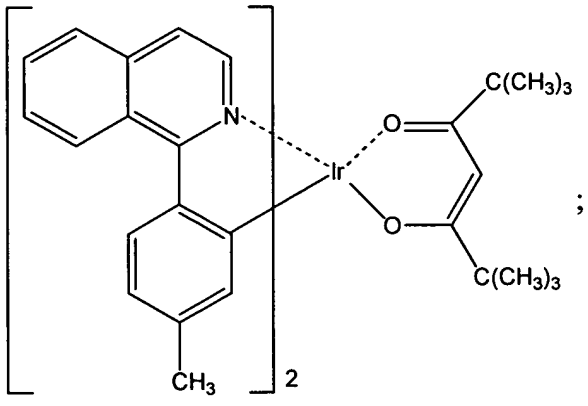
Kindly add new claims 48-88 as follows:

1-47. (Cancelled)

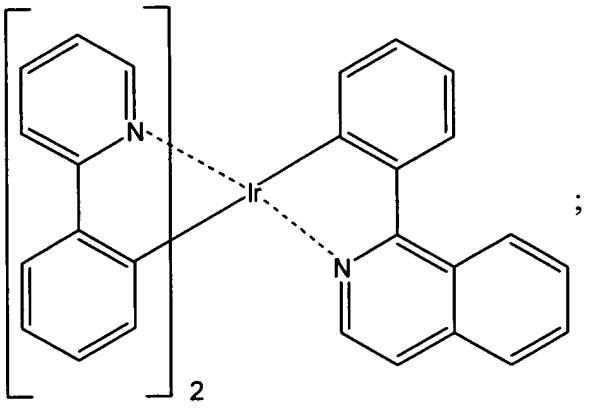
48. (New) A metal coordination compound represented by a formula selected from the group consisting of:

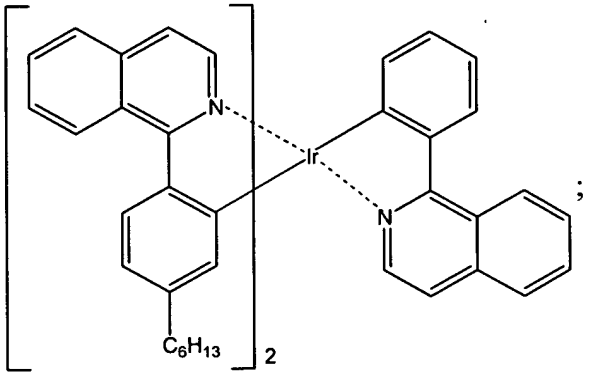


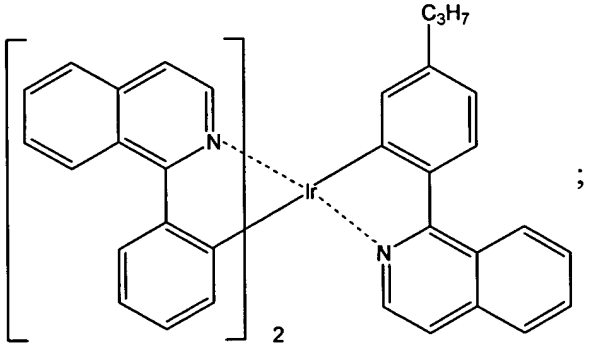
;

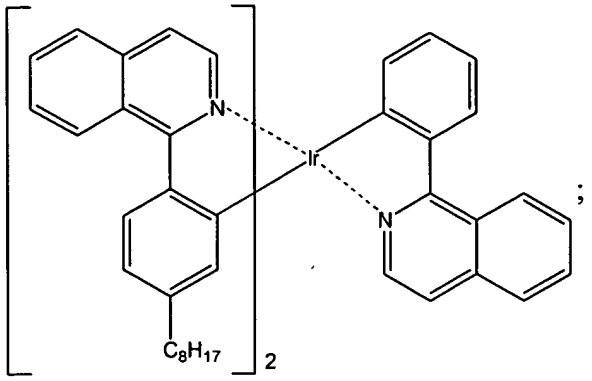


;

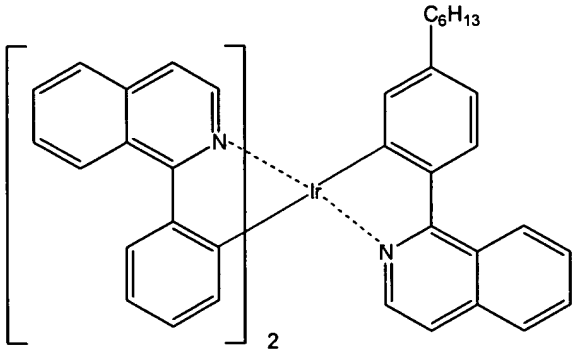

N
Ir
N
2
;


N
Ir
N
C6H13
2
;

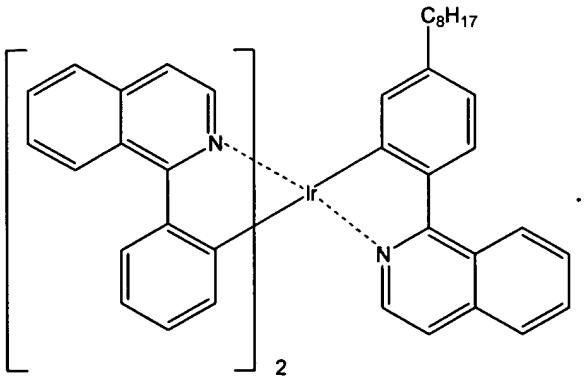

C3H7
N
Ir
N
2
;



;



; and



49. (New) An organic luminescence device comprising at least a pair of electrodes and an organic layer disposed between the pair of electrodes, wherein the organic compound comprises a metal coordination compound according to claim 48.

50. (New) The device according to claim 49, wherein said device is a red luminescence device.

51. (New) The device according to claim 49, wherein said device further comprises a hole-transporting layer which is disposed in contact with the organic layer.

52. (New) The device according to claim 51, wherein said device further comprises an electron-transporting layer disposed between the pair of electrodes.

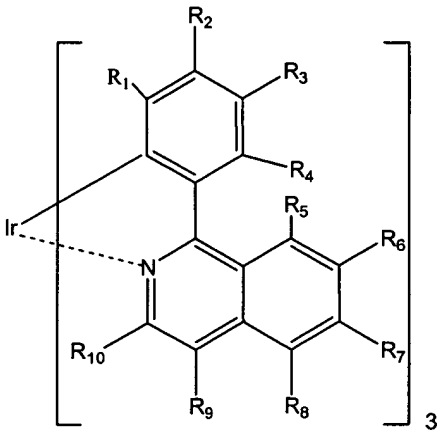
53. (New) The device according to claim 52, wherein the electron-transporting layer and the organic layer are disposed in contact with each other.

54. (New) The device according to claim 49, wherein the organic layer comprises a host material, as a main component, which contains said metal coordination compound.

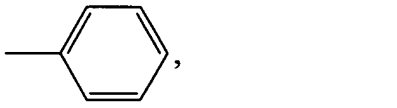
55. (New) A display panel comprising at least a drive means and a plurality of organic luminescence devices, wherein the plurality of organic luminescence devices comprise at least one organic luminescence device according to claim 49.

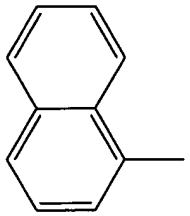
56. (New) The panel according to claim 55, wherein said panel further comprises a plurality of thin film transistors as a switching device.

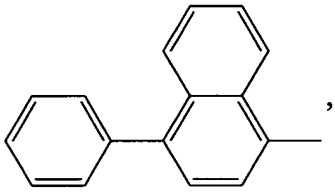
57. (New) A metal coordination compound represented by the following formula:

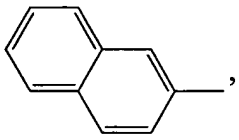


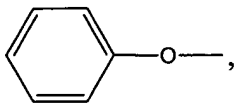
wherein R_1 to R_{10} are independently selected from the group consisting of -H, $-CH_3$, $-C_2H_5$, $-C_3H_7$, $-C_4H_9$, $-C_5H_{11}$, $-C_6H_{13}$, $-C_7H_{15}$, $-C_8H_{17}$, $-C_9H_{19}$, $-C_{10}H_{21}$, $-C_{11}H_{23}$, $-C_{12}H_{25}$, $-C_{13}H_{27}$, $-C_{15}H_{31}$, $-C_{18}H_{37}$, $-C_{19}H_{39}$, $-C_{20}H_{41}$, $-CH(CH_3)_2$, $-C(CH_3)_3$, CH_3O-, C_2H_5O-, C_3H_7O-, C_4H_9O- , $C_5H_{11}O-$, $C_6H_{13}O-$, $C_7H_{15}O-$, $C_{12}H_{25}O-$, $-COOC_6H_{13}$, $-OC(CH_3)_3$, $-Si(C_4H_9)_3$,


,

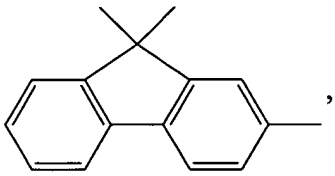

,

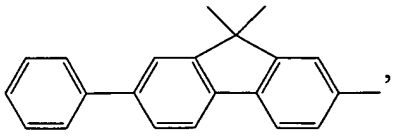

,


,

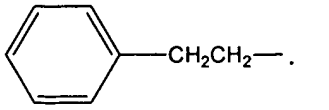


,


,

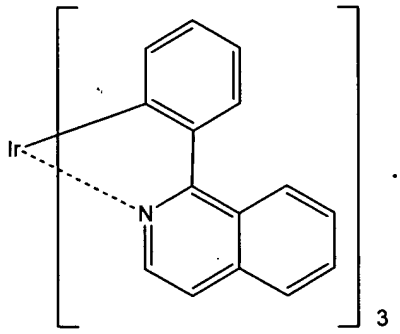

,

and

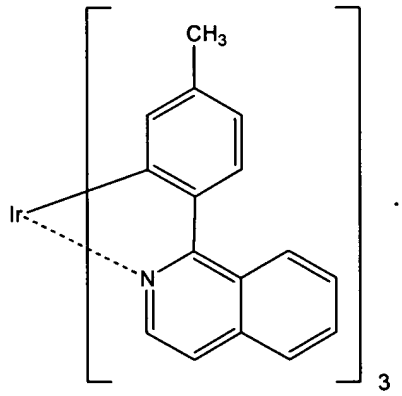


.

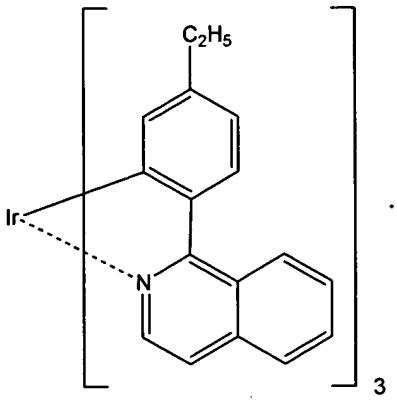
58. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



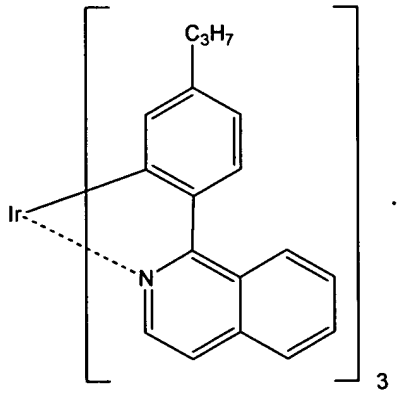
59. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



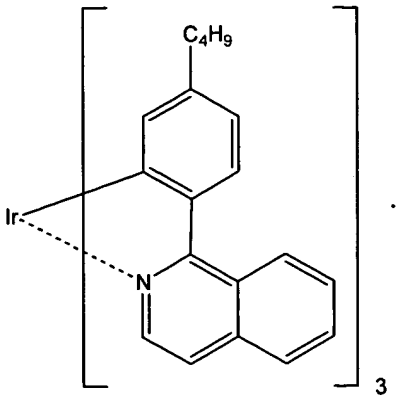
60. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



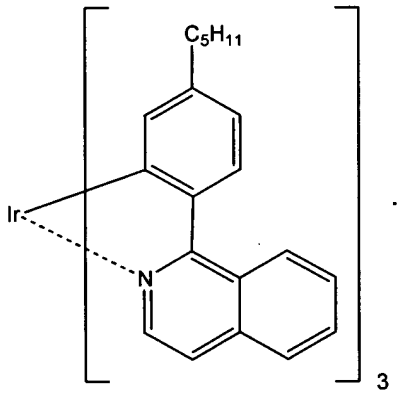
61. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



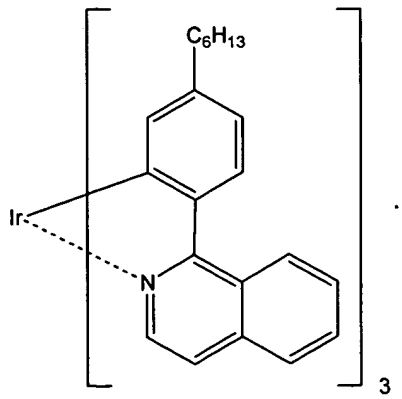
62. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



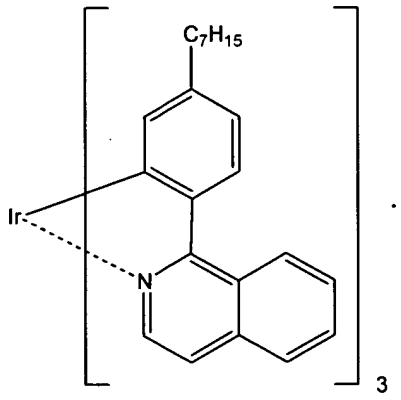
63. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



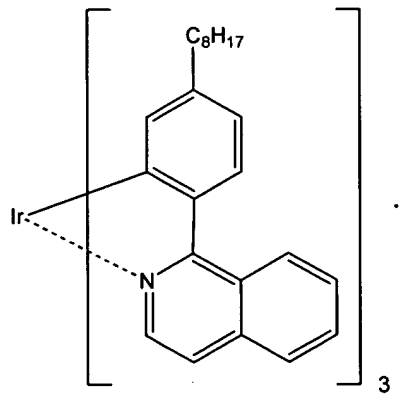
64. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



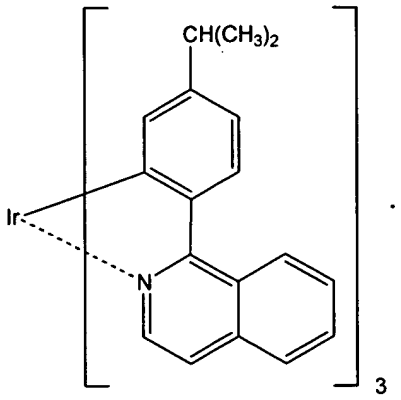
65. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



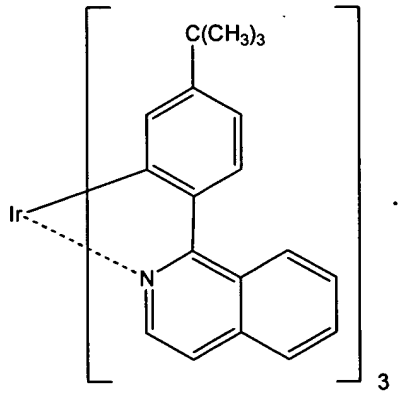
66. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



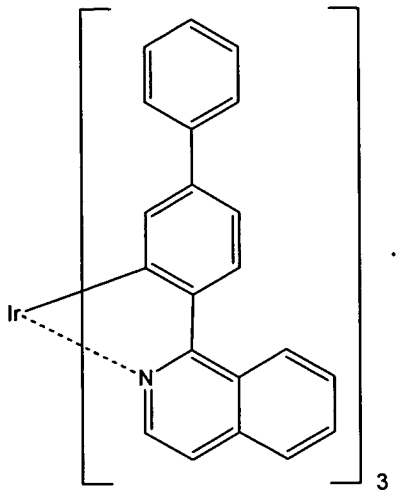
67. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



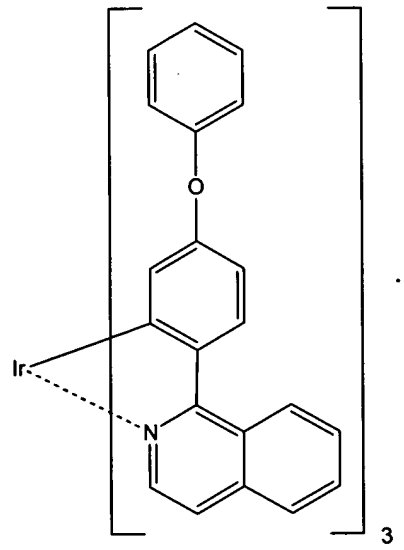
68. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



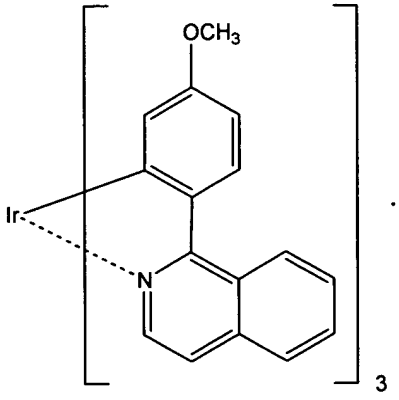
69. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



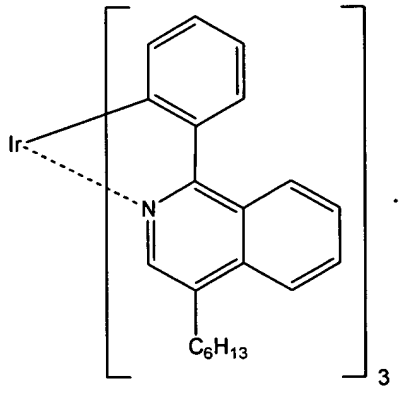
70. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



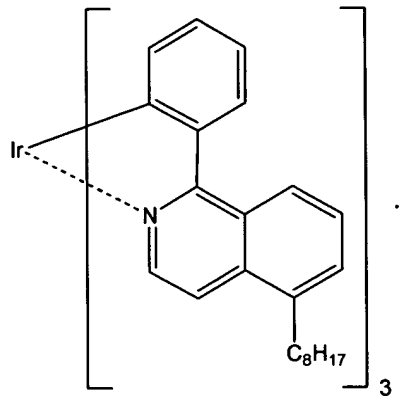
71. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



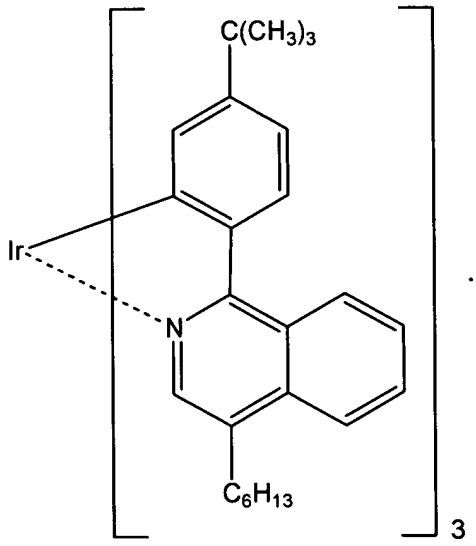
72. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



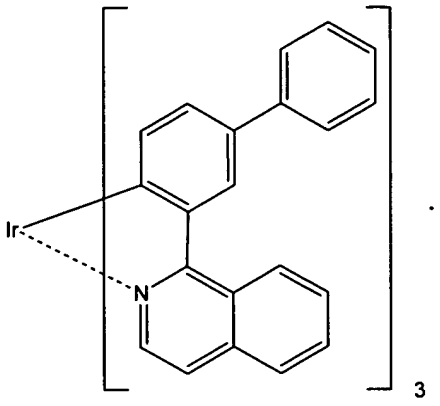
73. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



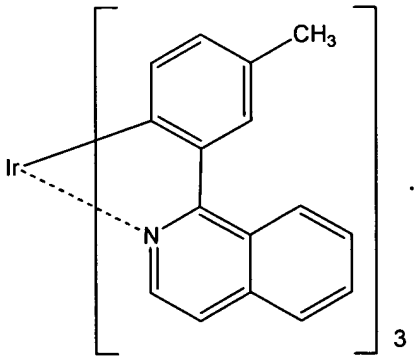
74. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



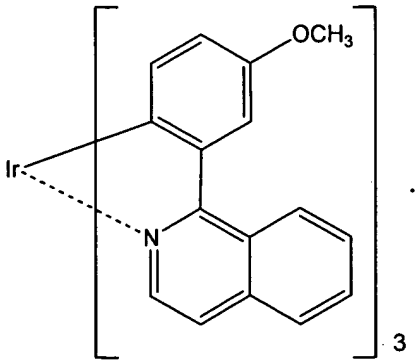
75. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



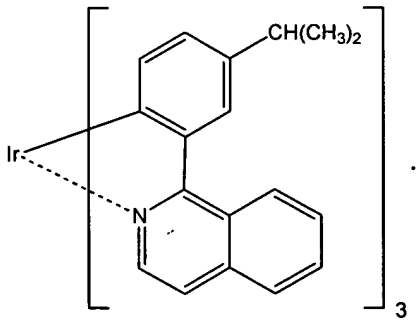
76. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



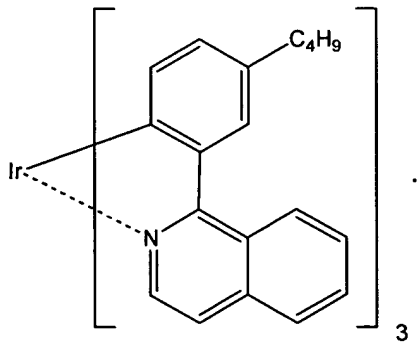
77. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



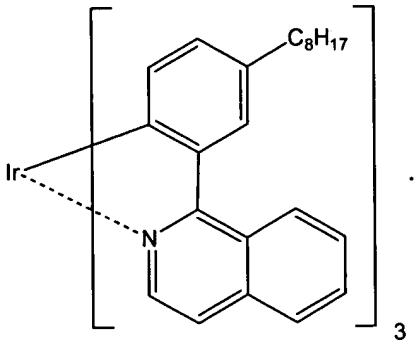
78. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



79. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



80. (New) The metal coordination compound according to claim 57, wherein the compound is represented by the following formula:



81. (New) An organic luminescence device comprising at least a pair of electrodes and an organic layer disposed between the pair of electrodes, wherein the organic compound comprises a metal coordination compound according to claim 57.

82. (New) The device according to claim 81, wherein said device is a red luminescence device.

83. (New) The device according to claim 81, wherein said device further comprises a hole-transporting layer which is disposed in contact with the organic layer.

84. (New) The device according to claim 83, wherein said device further comprises an electron-transporting layer disposed between the pair of electrodes.

85. (New) The device according to claim 84, wherein the electron-transporting layer and the organic layer are disposed in contact with each other.

86. (New) The device according to claim 81, wherein the organic layer comprises a host material, as a main component, which contains said metal coordination compound.

87. (New) A display panel comprising at least drive means and a plurality of organic luminescence devices, wherein the plurality of organic luminescence devices comprise at least an organic luminescence device according to claim 81.

88. (New) The panel according to claim 87, wherein said panel further comprises a plurality of thin film transistors as a switching device.